

Overcoming Data Friction via Outsourcing and Process Automation

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- Problem: The high costs associated with mundane tasks relating to data acquisition, storage, indexing, sharing, etc., result in much data never being (fully) accessible even to its creators
- Good experiences:
 - Flickr, Dropbox show how simple outsourced services can liberate data by automating tasks relating to data storage, sharing management, etc.
 - Globus Transfer shows the power of outsourced (software-as-a-service: SaaS) science-oriented services
- Issue for WG:
 - Identify requirements and review best practices for enabling science data services. E.g., data movement service. Dropbox for science service.
 - Conduct experiments in the use of such services for large-scale sharing in select scientific domains.